

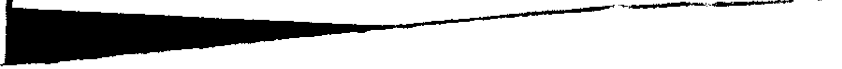


#597

PIONEER VENUS-2

78-078A-02B

BIMS DATA, 850-140 KM DATA



PIONEER VENUS 2

BIMS DATA, 850-140 KM DATA ON TAPE

78-078A-02B

THIS DATA SET HAS BEEN RESTORED. THERE WAS ORIGINALLY ONE 9-TRACK, 1600 BPI TAPE, WRITTEN IN ASCII. THERE IS ONE RESTORED TAPE. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS A 9-TRACK, 6250 BPI. THE TAPE WAS CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBER AND TIME SPAN IS AS FOLLOWS

DR#	DS#	DD#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR03816	DS03816	D57809	1	12/09/78 - 12/09/78

REQ. AGENT
DEW

RE NO.
V0192

ACQ. AGENT
WSC

PIONEER VENUS-2

78-078A-02B

BIMS DATA, 850-140 KM DATA

THIS DATA SET CONSISTS OF ONE TAPE. THE TAPE IS 1600 BPI,
9 TRACK, ASCII WITH ONE FILE OF DATA. THE TAPE WAS CREATED
ON AN IBM 3081.

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-57809	C-23136	12/09/78

April 11, 1983

TO: NSSDC

FROM: H. Taylor/NASA/Goddard Space Flight Center/960

SUBJECT: Pioneer Venus BIMS Data Tape

PIONEER VENUS BIMS DATA TAPE

The tape is an unlabeled 1600 BPI tape containing one file. The data consist of 36 byte ASCII records in the following format.

Bytes 1-5 (15) can be ignored. (this variable is used for orbit number on tapes containing PV OIMS data. The value 0 is used for this variable on this tape.

Bytes 6-13 (18) are the UT in tenths of seconds. To convert to a floating point time in seconds use $UT = \text{FLOAT}(IUT)/10$, where IUT is the INTEGER*4 variable read in from the tape as 18 fmt.

Bytes 14-21 (18) Altitude in tenths of kilometers. Conversion to floating point similar to UT above.

Bytes 22-31 (10) Ion Density in ions/cubic centimeter. (integer va)

Bytes 32-34 (13 or 1X,12) AMU for the measurement. (Atomic Mass Unit)

Bytes 35 & 36 NUL bytes (i.e. all bits 0) for ASCII termination.

This tape contains data for masses 1,2,4,12,14,16,28,30,32, & 44 for the time interval from 73053 to 73300 on day 343 of 1978. This corresponds to the altitude range 850 km down to approximately 140 km. This is the only range of data which was retrievable from the EDR tapes received from ARC.

\$NOP ***** ASCII LIST OF DO-1 *****
 SEXE TPLIST BS

INPUT PARAMETERS ARE: AS SR=1=15 1

TAPE NO. 1	FILE NO. 1
RECORD 1	LENGTH 36
730529	258 1
TAPE NO. 1	FILE NO. 1
RECORD 2	LENGTH 36
730531	396 12
TAPE NO. 1	FILE NO. 1
RECORD 3	LENGTH 36
730532	3 32
TAPE NO. 1	FILE NO. 1
RECORD 4	LENGTH 36
730533	51 4
TAPE NO. 1	FILE NO. 1
RECORD 5	LENGTH 36
730534	3 28
TAPE NO. 1	FILE NO. 1
RECORD 6	LENGTH 36
730535	2947 16
TAPE NO. 1	FILE NO. 1
RECORD 7	LENGTH 36
730537	0 44
TAPE NO. 1	FILE NO. 1
RECORD 8	LENGTH 36
730538	1 2
TAPE NO. 1	FILE NO. 1
RECORD 9	LENGTH 36
730540	266 14
TAPE NO. 1	FILE NO. 1
RECORD 10	LENGTH 36
730543	0 30
TAPE NO. 1	FILE NO. 1
RECORD 11	LENGTH 36
730548	0 1
TAPE NO. 1	FILE NO. 1
RECORD 12	LENGTH 36
730550	257 12
TAPE NO. 1	FILE NO. 1
RECORD 13	LENGTH 36
730551	54 4
TAPE NO. 1	FILE NO. 1
RECORD 14	LENGTH 36
730552	2947 16
TAPE NO. 1	FILE NO. 1
RECORD 15	LENGTH 36
730553	226 14

D57809

Pioneer Venus 2